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(54) Title: MOLECULAR HEPATOTOXICOLOGY MODELING

(57) Abstract: The present invention is based on the elucidation of the global changes in gene expression and the identification of toxicity markers in liver tissues or cells exposed to a known toxin. The genes may be used as toxicity markers in drug screening and toxicity assays. The invention includes a database of genes characterized by liver toxin-induced differential expression that is designed for use with microarrays and other solid-phase probes.